GE
Lighting

office

efficient office environment

GE's Lumination™ LED Luminaires enhance energy use

LED lighting helps Ingersoll Rand's Building D operate more efficiently

THE SITUATION

Ingersoll Rand is committed to advancing quality of life by creating comfortable and efficient environments for its customers, and it has applied the company mission to renovations of a building at its North American headquarters in North Carolina.

THE SOLUTION

The Ingersoll Rand Building D's commercial interior space, which comprises nearly 53,000 square feet, was transformed with more energy-efficient lighting, a building automation system with energy-saving control strategies, and ENERGY STAR® equipment and appliances.

Only low-emitting materials were specified and used for the renovation; they included GE's Lumination™ ET Series Recessed Troffers, which provide energy-efficient ambient lighting to common areas, offices, shared work spaces and hallways. Featured in the large conference room are Lumination BL Series LED Luminaires—their long, narrow bands of light are seamlessly integrated within the ceiling for a clean, contemporary look.

"The fixtures, appliances and other materials incorporated into this beautifully renovated facility demonstrate that products that help customers reduce consumption of natural resources or minimize their impact on the environment can also generate productivity by reducing the total cost of ownership."

- E. Jefferson Hynds, Director of Innovation, Ingersoll Rand

The LED lighting further enhances energy efficiency by incorporating automatic controls, and it has lessened HVAC cooling loads and improved HVAC efficiency.

For more information about the GE Lighting products used in this project, visit **gelighting.com.**

OPERATING IMPACT

- LED lighting reduced power density by over 36%
- Significant energy and operational cost savings
- LED lighting helped reduce HVAC cooling loads and improved HVAC efficiency

ENVIRONMENTAL IMPACT

- Lighting controls provide additional energy savings in more than 75% of the connected lighting load
- Substantial CO_2 reduction

imagination at work

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